

ColorSpace Ili/FX

Desktop Video Production & Interactive Multimedia

ColorSpace Ili

What The Macintosh Can Do On Video

The sky's the limit with ColorSpace Ili.

Remember how Apple brought the computer to the desktop? Our ColorSpace Ili card is doing the same with video. Using any Macintosh II computer, it lets you create:

- Sales and promotional tapes
- Educational and instructional tapes
- Film concepts and storyboards
- Video titles, animations, and more

No wonder ColorSpace Ili is now used by corporate video production departments and television studios worldwide.

You'll make headlines and more with ColorSpace Ili. Imagine overlaying your Macintosh generated titles, graphics, and animations on top of live, full-motion video—and recording the results on videotape.

It's easy and inexpensive.

ColorSpace Ili can synchronize Macintosh graphics with standard TV video signals.

ColorSpace Ili lets you overlay exciting Macintosh-created graphics, titles, and animation over live video.



That means it works with equipment you already own. So you can use input from any videotape player, videodisc player, or video camera—and output to any VCR, large-screen projector, or other video recording and display devices.



The MASS Microsystems ColorSpace Ili and ColorSpace FX videographics cards utilize powerful video signal processing technology to bring the Macintosh to the world of video and video to the world of the Macintosh.

ColorSpace Ili supports the two major television broadcast standards—NTSC and PAL. So it works almost anywhere in the world.

Installation is easy, too. ColorSpace Ili fits into any Macintosh NuBus expansion slot—it's virtually "plug-and-play."

Lights, camera, action. Using our easy-to-use ColorSpace software, you'll be quickly creating professional-quality video, with translucent graphics, dimmed video backgrounds, and more. Plus, ColorSpace Ili works with all your favorite Macintosh design and graphics software.

ColorSpace FX

What Video Can Do On The Macintosh

Live, full-color video in a window on your Macintosh II. MASS Microsystems makes it happen with ColorSpace FX—a revolutionary technology that lets you put live, full-color video in a window on your AppleColor Monitor (and most multisync monitors). And create interactive applications combining text, graphics,

and video in new, exciting ways on a single screen.

It's a technological miracle. Designed to work with ColorSpace Ili, ColorSpace FX eliminates the major problem with viewing standard NTSC video. Flicker from single-pixel lines.

Using advanced processing technology, ColorSpace FX converts standard NTSC or PAL video signals into high-frame rate (67 frames per second) RGB video signals, giving you crisp, clear video and sharp, flicker-free graphics. Perfect for long-term viewing and interactive applications.

If a picture is worth a thousand words, put it in motion and it's worth millions. People get more information, faster from video than any other way. That's what makes ColorSpace FX such a powerful, interactive tool for:

- Multimedia presentations
- Computer-based training programs
- Interactive learning systems
- Interactive video information kiosks
- Live video teleconferencing

ColorSpace Ili/FX Desktop Video Production and Interactive Multimedia

If you can imagine it, ColorSpace FX can do it. ColorSpace FX comes with a rich portfolio of video special effects—zoom, shrink, spin, movie loops, mirror, kaleidoscope, picture squeeze, and more.

Combine ColorSpace FX with HyperCard™, Director 2.0™, Authorware® Professional™, Video Author™, or SuperCard™ and create even

more sophisticated applications and TV-like special effects.

ColorSpace FX also performs digital video signal processing, including real-time sharpen, blur, and hue adjustments. Plus 24-bit color image capture. So you can drop an image into a Macintosh paint application and change it any way you want.



ColorSpace FX gives you a rich selection of video special effects, including: zoom, shrink, spin, movie loops, mirror, picture squeeze, and more.

Specifications:

Host Type	Apple Macintosh II family
Input Signal	CS Ili—Single Composite or RGB for NTSC or PAL CS FX—Three Composite or RGB for NTSC or PAL
Compatible Video Output	RGB, Composite
Pixel Resolution	640 x 480 (NTSC) 768 x 575 (PAL)
Displayable Colors	256 Graphics / Full Color Video
Power Consumption	Less than 2 Amps, + 5 Volts
Mechanical	Single NuBus Cards
Data Bus Width	32 Bits
Maximum Capture Resolution	640 x 480
Maximum Interlaced Display	640 x 480 (NTSC) 768 x 575 (PAL)
Maximum Non-Interlaced Display	640 x 480
Maximum Sample Clock (Capture)	12.16 MHz
Maximum Pixel Clock (Display)	30.24 MHz
Input Impedance	75 Ohms
Input Level	CS Ili—1 Volt p-p CS FX—AGC range 500mV—2 Volt p-p
Sync Input	On Composite
Connectors	RCA (Composite), 26 pin (RGB)
Monitors Compatibility	13" AppleColor RGB Monitor Most multisync monitors

Cable Sold Separately

ColorSpace Ili/FX software includes:

- ColorSpace File including an init and cdev (control panel device)
- MacTV™ (when used with ColorSpace FX)
- Desktop Video Desk Accessory
- QuickImage™ Capture Software
- ColorSpace Ili Animation
- ColorSpace Ili/FX HyperCard XCMD and XFCN Resources

Other quality products from MASS Microsystems for your Macintosh:

DataPak™ 45Mb Removable Cartridge Drives

QuickImage™ 24 Video Frame Grabber Card

DataPak MO 512Mb Rewritable Optical Drive

EasyVideo™ 8 NTSC Video Output Card



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